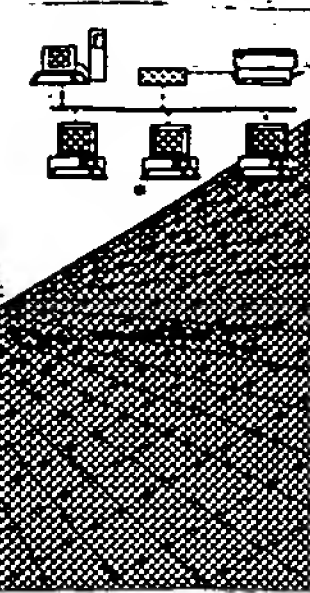


*Drift*

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



1671

## RAW SEQUENCE LISTING ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/313,434  
Source: 1645 PUSH  
Date Processed by STIC: 10/23/2000

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.

FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.

PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)

PATENTIN 3.0 e-mail help: [patin30help@uspto.gov](mailto:patin30help@uspto.gov) or phone 703-306-4119 (R. Wax)

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW:

### Checker Version 3.0

The Checker Version 3.0 application is a state-of-the-art Windows based software program employing a logical and intuitive user-interface to check whether a sequence listing is in compliance with format and content rules. Checker Version 3.0 works for sequence listings generated for the original version of 37 CFR §§1.821 – 1.825 effective October 1, 1990 (old rules) and the revised version (new rules) effective July 1, 1998 as well as World Intellectual Property Organization (WIPO) Standard ST.25.

Checker Version 3.0 replaces the previous DOS-based version of Checker, and is Y2K-compliant. Checker allows public users to check sequence listings in Computer Readable form (CRF) before submitting them to the United States Patent and Trademark Office (USPTO). Use of Checker prior to filing the sequence listing is expected to result in fewer errored sequence listings, thus saving time and money.

Checker Version 3.0 can be down loaded from the USPTO website at the following address:

<http://www.uspto.gov/web/offices/pac/checker>

1645

RAW SEQUENCE LISTING  
 PATENT APPLICATION: US/09/313,434

DATE: 10/23/2000  
 TIME: 15:04:27

Input Set : A:\Sequence.txt  
 Output Set: N:\CRF3\10232000\I313434.raw

4 <110> APPLICANT: Podolsky, Daniel K.  
 6 <120> TITLE OF INVENTION: INTESTINAL TREFOIL PROTEINS  
 8 <130> FILE REFERENCE: 00786-432001  
 10 <140> CURRENT APPLICATION NUMBER: US 09/313,434  
 11 <141> CURRENT FILING DATE: 1999-05-17  
 13 <150> PRIOR APPLICATION NUMBER: US 08/631,469  
 14 <151> PRIOR FILING DATE: 1996-04-12  
 16 <150> PRIOR APPLICATION NUMBER: US 08/191,352  
 17 <151> PRIOR FILING DATE: 1994-02-02  
 19 <150> PRIOR APPLICATION NUMBER: US 08/037,741  
 20 <151> PRIOR FILING DATE: 1993-03-25  
 22 <150> PRIOR APPLICATION NUMBER: US 07/837,192  
 23 <151> PRIOR FILING DATE: 1992-02-13  
 25 <150> PRIOR APPLICATION NUMBER: US 07/655,965  
 26 <151> PRIOR FILING DATE: 1991-02-14  
 28 <160> NUMBER OF SEQ ID NOS: 19  
 30 <170> SOFTWARE: FastSEQ for Windows Version 4.0

Does Not Comply  
 Corrected Diskette Needed

# ERRORED SEQUENCES

351 <210> SEQ ID NO: 18  
 352 <211> LENGTH: 318 (next page)  
 353 <212> TYPE: DNA  
 354 <213> ORGANISM: Homo sapiens  
 356 <220> FEATURE:  
 357 <221> NAME/KEY: CDS  
 358 <222> LOCATION: (1)...(318)  
 360 <400> SEQUENCE: 18  
 361 gag aaa ccc tcc ccc tgc cag tgc tcc agg ctg agc ccc cat aac agg 48  
 362 Glu Lys Pro Ser Pro Cys Gln Cys Ser Arg Leu Ser Pro His Asn Arg  
 363 1 5 10 15  
 365 acg aac tgc ggc ttc cct gga atc acc agt gac cag tgt ttt gac aat 96  
 366 Thr Asn Cys Gly Phe Pro Gly Ile Thr Ser Asp Gln Cys Phe Asp Asn  
 367 20 25 30  
 369 gga tgc tgt ttc gac tcc agt gtc act ggg gtc ccc tgg tgt ttc cac 144  
 370 Gly Cys Cys Phe Asp Ser Ser Val Thr Gly Val Pro Trp Cys Phe His  
 371 35 40 45  
 373 ccc ctc cca aag caa gag tgc gat cag tgc gtc atg gag gtc tca gac 192  
 374 Pro Leu Pro Lys Gln Glu Ser Asp Gln Cys Val Met Glu Val Ser Asp  
 375 50 55 60  
 377 aga aga aac tgt ggc tac ccg ggc atc agc ccc gag gaa tgc gcc tct 240  
 378 Arg Arg Asn Cys Gly Tyr Pro Gly Ile Ser Pro Glu Glu Cys Ala Ser  
 379 65 70 75 80  
 381 cgg aag tgc tgc ttc tcc aac ttc atc ttt gaa gtg ccc tgg tgc ttc 288  
 382 Arg Lys Cys Cys Phe Ser Asn Phe Ile Phe Glu Val Pro Trp Cys Phe  
 383 85 90 95

## RAW SEQUENCE LISTING

DATE: 10/23/2000

PATENT APPLICATION: US/09/313,434

TIME: 15:04:28

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\10232000\I313434.raw

385	ttc	ccg	aac	tct	gtg	gaa	gac	tgc	cat	tac	318
386	Phe	Pro	Asn	Ser	Val	Glu	Asp	Cys	His	Tyr	
E--> 387				100						105	

VERIFICATION SUMMARY

PATENT APPLICATION: US/09/313,434

DATE: 10/23/2000

TIME: 15:04:29

Input Set : A:\Sequence.txt

Output Set: N:\CRF3\10232000\I313434.raw

L:358 M:351 W: Sequence data Name/Key Feature Out-of-Range, SEQ ID#:18, CDS LOCATION: (1)...(318)  
L:387 M:252 E: No. of Seq. differs, <211>LENGTH:Input:105 Found:318 SEQ:18